



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/653,255

09/03/2003

Katsuhiko Matsusaka

009683-481

2789

21839

7590

07/17/2007

BUCHANAN, INGERSOLL & ROONEY PC

POST OFFICE BOX 1404

ALEXANDRIA, VA 22313-1404

EXAMINER

HUSSAIN, TAUQIR

ART UNIT

PAPER NUMBER

2152

MAIL DATE

DELIVERY MODE

07/17/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/653,255	Applicant(s) MATSUSAKA, KATSUHIKO	
	Examiner Tauqir Hussain	Art Unit 2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 03 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>09/03/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20 are pending in this application.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

3. Claim 1, recites the limitation "transmitting its folder structure" in line 4. There is insufficient antecedent basis for this limitation in the claim and subsequent dependent claims.

4. Claim 10, recites the limitation "sending its folder structure" in line 3. There is insufficient antecedent basis for this limitation in the claim and subsequent dependent claims.

5. Claim 17, recites the limitation "sending its folder structure" in line 2. There is insufficient antecedent basis for this limitation in the claim and subsequent dependent claims.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claim 1, 2, 10, 15 and 17, are rejected under 35 U.S.C 102(b) as being anticipated by Iwasaki et al. (JP 10307826) hereinafter "Iwasaki".

8. As to claim 1, 10 and 17, Iwasaki discloses, a first transmission portion sending a mail from a client to a server for inquiring its folder structure (Iwasaki, [0014], where email is send out to external computer which could be server requesting server format which can be interpret as inquiring server's directory structure);

a second transmission portion ([0014], where documentation-management equipment which could be a server sends a reply), at said server, transmitting its folder structure to said client by mail in response to the inquiry mail sent from said client (Iwasaki, [0014], where server send the reply with server's folder structure);

a third transmission portion (Iwasaki, [0015], where client is transmitting a text format email), at said client, designating a storage folder in the form of a reply to the mail sent from said server and sending a mail to said server with an attached file (Iwasaki, [0015], where sending a text format email to a "fixed format" is a specific folder and to said documentation-management equipment could be a server); and

a storage portion, at said server (Iwasaki, [0015], where documentation-management equipment is a computer and inherently computer will have a hard disk or storage portion), storing the attached file in the storage folder as designated, in response to the mail sent from said client (Iwasaki, [0015], where operator guidance mail of the text format is "attached file" and "acquisitioning" of file is storing the file into

Art Unit: 2152

specific folder, since text format file is via email to specific fixed format folder on the server, after confirming the directory structure of the server).

9. As to claims 2 and 15, Iwasaki discloses, wherein said second transmission portion sends its folder structure to the client in text format (Iwasaki, [0014], where documentation-management sends its folder structure in text format via email), and when receiving the folder structure in text format, said third transmission portion designates a storage folder by quoting that text (Iwasaki, [0015], where client/user transmits operator guidance mail of the text format back to the document management server against the reply from the document management server to a designated folder which is described as fixed format).

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claim 3-9, 11-14, 16 and 18-20, are rejected under 35 U.S.C. 103(a) as being unpatentable over Iwasaki as applied above in view of Mutton et al. (Pub. No.: US 2002/0147840 A1), hereinafter "Mutton".

12. As to claims 3 and 16, Iwasaki discloses the invention substantially as in parent claims 1 and 10, including, wherein said second transmission portion sends its folder

Art Unit: 2152

structure to the client (Iwasaki, [0015], where document management server send the directory structure to client via email). Iwasaki however, is silent on using HTML format to point to directory structure and when receiving the folder structure in HTML format, said third transmission portion designates a storage folder by clicking the storage folder. However, Mutton discloses, sending the directory structure in HTML format (Mutton, [0072], where hyperlink to the file structure is embedded in email) and said third transmission portion designates a storage folder by clicking the storage folder (Mutton, [0039], where hyperlinks are used to direct the link to appropriate/designated file location).

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to combine the teachings of Iwasaki as applied to claim 1 and 2 above with the teachings of Mutton in order to provide a software for constructing option encoding reference tags for the link servers, thus eliminating the need to learn formal request requirements of the link server.

13. As to claims 4-5 and 11-12, Iwasaki discloses the invention substantially as in parent claim 1 and 10, including, reply from server performs authentication by comparing client information described in the inquiry mail sent from the client with client information as registered (Iwasaki, [0015], where client transmits the operator guidance mail along with the registration which is stored on the server along with the attached document, and sends its folder structure by mail only to the client that is successfully authenticated. An official notice is taken on server sending the directory structure to only

authenticated users/clients is well known in the art e.g. any secure web site or in any client server environment it is well known technique to avoid any compromise).

Therefore it would have been obvious to one ordinary skilled in the art at the time the invention was made to combine the teachings of Iwasaki with the encryption technique which is well known in the art in order to enhance the security and privacy over the public network.

14. As to claims 6 and 13, Iwasaki discloses the invention substantially as in parent claim 1 and 10, including, wherein said second transmission portion sends together a character string of information indicative of current log-in when sending the folder structure to the client by mail (Iwasaki, Drawing-2, [0016], where clients email address could be the indicative of current log-in. Iwasaki is silent on using encryption for current log-in indication. Examiner takes to official notice that encryption is a well known technique in the art to make communication more secure on public network.

15. As to claims 7 and 14, are rejected for the same rationale as applied to claim 4 and 5 above and further an official notice is taken that keeping a log for verification of an authentic users or email is well know technique in the art at the time the invention was made.

16. As to claim 8, Iwasaki discloses the invention substantially as in parent claim 1, including, wherein said third transmission portion attaches and sends a file to one mail. Iwasaki is silent on attaching more than one file to the server, however Examiner takes

the official notice that attaching more than one files to a single email is well know technique in the art.

17. As to claim 9, is rejected for the same rationale as applied to claim 3 and 8 above.

18. As to claims 18 and 20, Iwasaki discloses the invention substantially as in parent claim 17, including; wherein processing is changed in accordance with a title of a mail sent from the client (Iwasaki, Drawing-2, where action defines the required processing).

19. As to claim 19, is rejected for the same rationale applied to parent claim 17 above.

Examiner's Note: Examiner has cited particular columns and line numbers in the references, as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in its entirety as potentially teaching of all or part of the claimed invention, as well as the context.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tauqir Hussain whose telephone number is 571-270-1247. The examiner can normally be reached on 7:30 AM to 5:00 PM.

Art Unit: 2152

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571 272 3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TH



BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

7/6/17